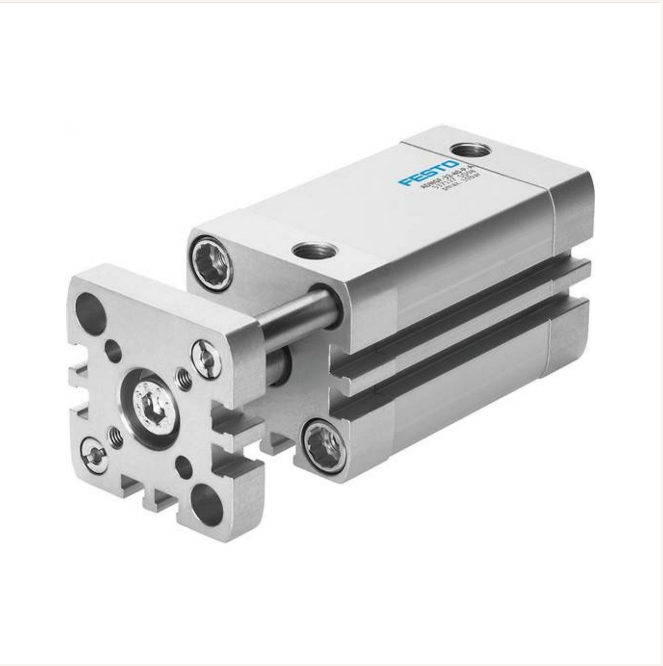
Compact Cylinder ADNGF-32-15-P-A - Festo 554240

Item no. FES-554240 | **Manufacturer Festo** | **EAN 4052568198671**

Festo pneumatic cylinder for precise linear motion and defined force in automation.



TECHNICAL DATA

Betriebsdruck max [bar]	**10.000000**
Bore (mm)	**32.000000**
Corrosion resistance class CRC	**2 - moderate corrosion stress**
Cushioning	**P: Elastic silencer rings / plates double-sided**
Design	**Piston, piston rod, profile tube**
Dichtmaterial	**TPE-U(PU)**
Funktion	**double-acting**
HS-Code	**84123100**
Hub [mm]	**15**
Medium	**Compressed air**
Mounting position	**arbitrary**
Norm	**ISO 21287**
Operating conditions	**ISO 8573-1**
Pneumatic connection	**G1/8**
Position sensing	**Yes**
Series	**ADNGF**
Temperature (max.)	**80**
Weight	**0.35 kg**

STANDARDS & COMPLIANCE

ISO 8573-1:2010

DESCRIPTION

Festo pneumatic cylinder for precise linear motion and defined force in automation. The key technical data of this genuine Festo article are listed below.

Stroke [mm]	15
Piston diameter	32 mm
Based on standard	ISO 21287
Dampening	P: Elastic silencer rings / plates double-sided
installation position	arbitrary
Construction set up	Piston piston rod profile tube

Position detection	For proximity switch
Anti-twist lock / guide	Guide rod with yoke
Operating pressure [bar]	1 to 10
Principle of operation	double acting
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Information about operating and control medium	Oiled operation possible (required in further operations)
Corrosion resistant class KBK	2 - moderate corrosion stress
ambient temperature [°C]	-20 to 80
Impact energy at the end positions [J]	0,40
Theoretical force at 6 bar, Return flow [N]	415
Theoretical force at 6 bar, flow [N]	483
Moving mass at 0 mm stroke [g]	122
Weight supplement per 10 mm stroke [g]	38
Base weight at 0 mm stroke [g]	327
Supplement moved mass per 10 mm stroke [g]	17
Pneumatic connection	G1/8
Material information	RoHs compliant
Cover material	aluminium anodized
Seals material	TPE-U(PUR)
Piston rod material	High-alloyed steel
Cylinder tube material	Aluminium wrought alloy Smooth anodised